

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 07243449
PUBLICATION DATE : 19-09-95

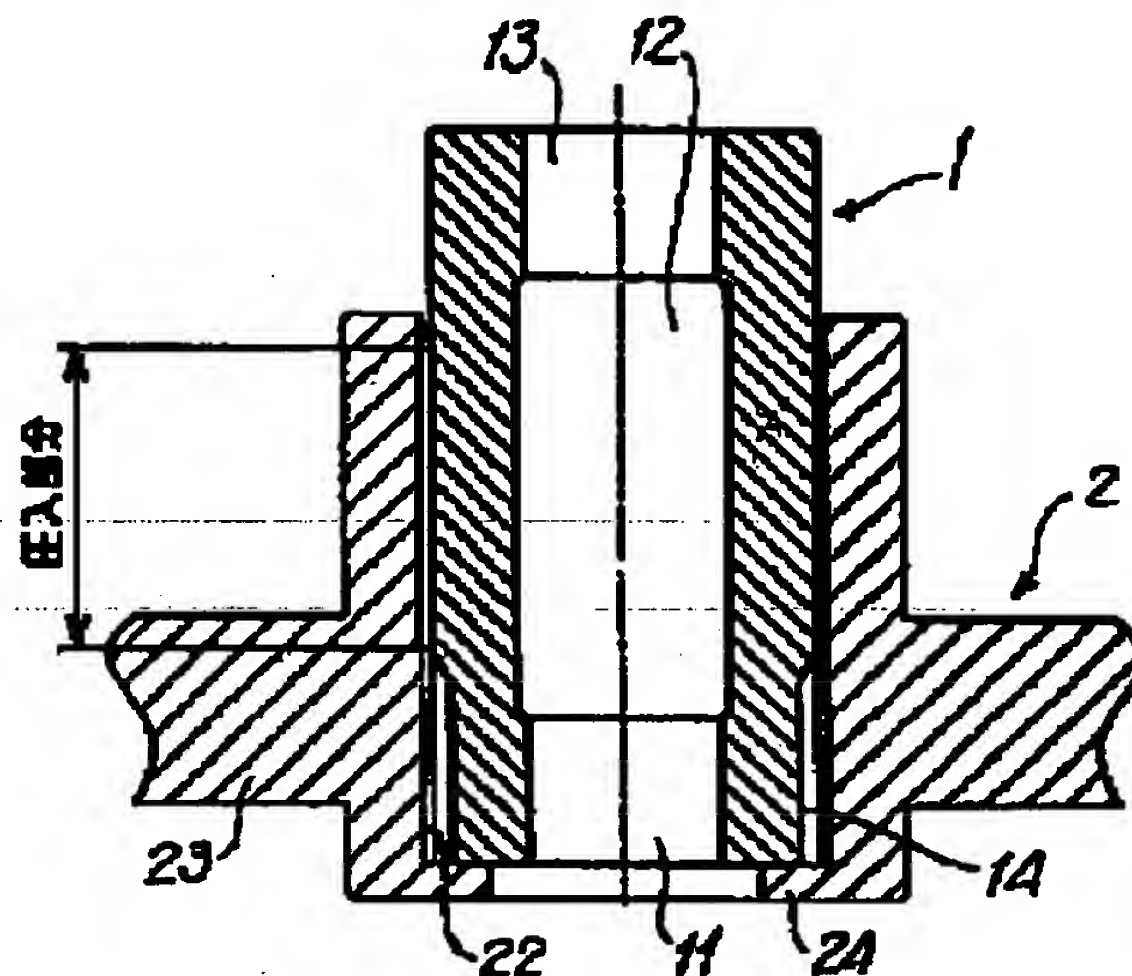
APPLICATION DATE : 08-03-94
APPLICATION NUMBER : 06064520

APPLICANT : SANKYO SEIKI MFG CO LTD;

INVENTOR : TAKASU YOSHISANE;

INT.CL. : F16C 35/02

TITLE : BEARING DEVICE



ABSTRACT : **PURPOSE:** To provide a bearing device which shows no contraction deformation between a rotary shaft of an oil-containing bearing and a sliding surface under the state that the oil-containing bearing is fixed to a bearing holder through press-fitting, for instance, shows satisfactory surface accuracy and concentric performance of the sliding surface, and dispenses with post-processing.

CONSTITUTION: One end 11 and the other end 13 of a shaft hole of an oil-containing bearing 1 are reduced in their diameters than an intermediate portion 12, to serve as sliding surfaces of a rotary shaft. An outer periphery of the intermediate portion of the oil-containing bearing 1 is press-fitted and abutted to an inner port of a bearing holder 2. An outer peripheral part corresponding to the end 11 of the shaft hole of the oil-containing bearing 1 is reduced in its diameter compared to the outer peripheral parts of other portions. This small-diameter portion 14 is separated from the inner port of the bearing holder 2. A plurality of ribs 22 are formed in the inner ports of the bearing holder 2. The outer diameter portion of the oil-containing bearing 1 is press-fitted and abutted to the ribs 22.

COPYRIGHT: (C)1995,JPO